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ON nucleic - nucleic search, using SW Model

Run on: January 14, 2003, 11:42:07 Search time 1.17494 seconds

(without alignments)
6786 385 Million roll updates/sec

Title: US-09-910-428-1

Perfect score: 26

Sequence: 1 gtagctcaatcttcttctgtaacacg 26

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters.

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	18.2	70.0	1608	4 US-09-171-969-8	Sequence 8, Appl
C 2	18.2	70.0	1942	1 US-08-447-413-1	Sequence 1, Appl
C 3	18.2	70.0	1942	2 US-08-552-348-1	Sequence 1, Appl
C 4	18.2	70.0	1942	3 US-08-257-781-1	Sequence 1, Appl
C 5	18.2	70.0	1942	4 US-08-766-354A-5	Sequence 5, Appl
C 6	18.2	70.0	1942	5 US-09-250-131-1	Sequence 1, Appl
C 7	18.2	70.0	1942	6 US-08-593-04606-1	Sequence 1, Appl
C 8	18.2	70.0	1942	7 US-08-593-06857-1	Sequence 1, Appl
C 9	17.2	65.2	14187	5 US-09-453-702D-121	Sequence 121, Appl
C 10	17.2	65.2	14187	2 US-08-378-919-35	Sequence 35, Appl
C 11	16.6	63.8	1473	4 US-09-134-0870-2304	Sequence 2404, Appl
C 12	16.6	63.8	2923	1 US-08-215-805A-1	Sequence 73, Appl
C 13	16.6	63.8	2923	2 US-08-377-292-6	Sequence 6, Appl
C 14	16.6	63.8	2923	3 US-07-589-847-7	Sequence 7, Appl
C 15	16.6	63.8	2923	4 US-08-469-411-7	Sequence 7, Appl
C 16	16.6	63.8	2923	5 US-08-469-411-7	Sequence 7, Appl
C 17	16.6	63.8	2923	6 US-08-469-411-7	Sequence 7, Appl
C 18	16.6	63.8	2923	7 US-08-469-411-7	Sequence 7, Appl
C 19	16.6	63.8	2923	8 US-08-469-411-7	Sequence 7, Appl
C 20	16.2	62.3	1147	3 US-08-755-587-42	Sequence 42, Appl
C 21	16.2	62.3	1263	4 US-09-222-938A-53	Sequence 53, Appl
C 22	16.2	62.3	1769	4 US-09-428-636-3	Sequence 3, Appl
C 23	16.2	62.3	1769	5 US-08-858-207A-72	Sequence 72, Appl
C 24	16.2	62.3	4069	4 US-09-362-812-3	Sequence 3, Appl
C 25	16.2	62.3	4069	5 US-09-362-812-3	Sequence 3, Appl
C 26	16.2	62.3	4069	6 US-09-362-812-3	Sequence 3, Appl
C 27	16.2	62.3	4069	7 US-09-362-812-3	Sequence 3, Appl

28	16.2	62.3	11283	2 US-08-603-753D-3	Sequence 3, Appl
29	16.2	62.3	11283	3 US-09-099-723-3	Sequence 3, Appl
30	16.2	62.3	11283	4 US-08-986-106-3	Sequence 3, Appl
31	16.2	62.3	11283	5 US-08-639-501-1	Sequence 1, Appl
32	16.2	62.3	11283	6 US-09-044-946-1	Sequence 1, Appl
33	16.2	62.3	11283	7 US-09-044-946-1	Sequence 1, Appl
34	16.2	62.3	11283	8 US-09-422-936-61	Sequence 61, Appl
35	16.2	62.3	18627	4 US-08-362-527-113	Sequence 113, Appl
36	16.2	62.3	18627	5 US-09-016-584A-38	Sequence 38, Appl
37	16.2	62.3	18627	6 US-07-651-378A-1	Sequence 1, Appl
38	16.2	62.3	18627	7 US-07-918-318-1	Sequence 1, Appl
39	16.2	62.3	18627	8 US-08-413-724-1	Sequence 1, Appl
40	16.2	62.3	18627	9 US-08-853-494-1	Sequence 1, Appl
41	16.2	62.3	18627	10 US-09-371-008-1	Sequence 1, Appl
42	16.2	62.3	18627	11 US-09-534-638-1	Sequence 1, Appl
43	16.2	62.3	18627	12 US-08-770-379-19	Sequence 19, Appl
44	16.2	62.3	18627	13 US-08-757-609A-19	Sequence 19, Appl
45	16.2	62.3	18627	14 US-09-230-371A-19	Sequence 19, Appl

ALIGNMENTS

RESULT 1
US-09-171-969-8/C
Sequence 8, Application US/09171969
Patent No. 6284533
GENERAL INFORMATION:
APPLICANT: Thomas, Lawrence J.
TITLE OF INVENTION: PLASMID-BASED VACCINE FOR TREATING ATHEROSCLEROSIS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hannon & Witcoff, Ltd.
STREET: 75 Stratford Street, Suite 200
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02106-1807
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/171,969
FILING DATE: 01 May 1997 (01.05.97)
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/640,713
FILING DATE: 01 May 1996 (01.05.96)
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/402,967
FILING DATE: 21 February 1997 (21.02.97)
ATTORNEY/AGENT INFORMATION:
NAME: Leon R. Yankwich
REGISTRATION NUMBER: 30,237
REFERENCE/DOCKET NUMBER: TCS 114.1 PCT (078722)
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1608 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: linear
MOLLECULE TYPE: RIBONUCLEIC
FEATURES:
NAME/KEY: Translational stop codon
LOCATION: 1606 - 1608
US-09-171-969-8
Query Match: 70.0% Score 18.2, DB 4, Length 1608;
Best Local Similarity: 87.0%; Pred. No. 11;

Matches 20: Conservative 0: Mismatches 3: Indels 0: Caps 0:
 QY 1 GGGCTTAAGCTTTCTGATAC 23
 ||| |||| | |||| |||| ||||
 DB 1560 GGAATCTACTGTTTCTGATAC 1560

RESULT 2
 US-08-447-413-176
 Sequence 1: Application US/08/447413

Patent No. 5601827
 GENERAL INFORMATION:
 APPLICANT: R. John Collier
 APPLICANT: Kevin P. Killen
 APPLICANT: John J. McKelames
 TITLE OF INVENTION: DIPHTHERIA TOXIN VACCINES
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.10)
 SOFTWARE: WordPerfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/447-413
 FILING DATE:
 CLASSIFICATION: 415
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/227-196
 FILING DATE:
 APPLICATION NUMBER: US/07/901-712

ATTORNEY/AGENT INFORMATION:
 NAME: Janis K. Fraser
 REGISTRATION NUMBER: 44,819
 REFERENCE: 441 R.M.P.C. 00626/13701
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US-08-447-413-1

Query Match 70.0% Score 18.2; DB 1; Length 1942;
 Best Local Similarity 87.0%; Prod. No. 12;
 Matches 20: Conservative 0: Mismatches 3: Indels 0: Caps 0:
 QY 1 GGGCTTAAGCTTTCTGATAC 23
 ||| |||| | |||| |||| ||||
 DB 1871 GGAATCTACTGTTTCTGATAC 1849

RESULT 3
 US-08-552-248-176
 Sequence 1: Application US/08/552248
 Patent No. 5643711
 GENERAL INFORMATION:
 APPLICANT: R. John Collier
 APPLICANT: David Eisenberg
 APPLICANT: Brian Fu
 APPLICANT: Soundlyon Choe
 TITLE OF INVENTION: DIPHTHERIA TOXIN RECEPTOR-BINDING

TITLE OF INVENTION: PROTON
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.10)
 SOFTWARE: WordPerfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/552-248
 FILING DATE:
 CLASSIFICATION: 415
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/881,394
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Janis K. Fraser
 REGISTRATION NUMBER: 44,819
 REFERENCE: 441 R.M.P.C. 00626/134001

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US-08-552-248-1

Query Match 70.0% Score 18.2; DB 2; Length 1942;
 Best Local Similarity 87.0%; Prod. No. 12;
 Matches 20: Conservative 0: Mismatches 3: Indels 0: Caps 0:
 QY 1 GGGCTTAAGCTTTCTGATAC 23
 ||| |||| | |||| |||| ||||
 DB 1871 GGAATCTACTGTTTCTGATAC 1849

RESULT 4
 US-08-257-781-176
 Sequence 1: Application US/08/257781
 Patent No. 5917017

GENERAL INFORMATION:
 APPLICANT: Collier, R. John
 APPLICANT: Shen, Wei Hai
 APPLICANT: Eisenberg, David
 APPLICANT: Choe, Soundlyon
 TITLE OF INVENTION: Diptheria Toxin Vaccines
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: MS-DOS (Version 5.0)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/257-781
 FILING DATE:

CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 0024b/174001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-6070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US-08-257-781-1

Query Match 70.0%; Score 18.2; DB 3; Length 1942;
 Best Local Similarity 87.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTTAATCTTTCTGTGAC 23
 DB 1871 GTGATCTACTGTTCTGTGAC 1849

RESULT 5
 US-08-766-354A-5/6
 Sequence 5, Application US/08766354A
 Patent No. 6013487
 GENERAL INFORMATION:
 APPLICANT: MITCHELL, LLOYD G.
 TITLE OF INVENTION: THERAPEUTIC MOLECULES GENERATED BY
 TITLE OF INVENTION: TRANS-SPLICING
 NUMBER OF SEQUENCES: 33
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NITAI, DOR, MARTELSTEIN, MURRAY, AND ORAM
 STREET: 655 15TH STREET, N.W., G STREET LOBBY, SUITE
 STREET: 310
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005-5701
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/766,354A
 FILING DATE: 13-DEC-1996
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: KLESNER, SHARON
 REGISTRATION NUMBER: 36,335
 REFERENCE/DOCKET NUMBER: P8159-6006
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202)638-5000
 TELEFAX: (202)638-4810
 INFORMATION FOR SEQ ID NO: 5:
 LENGTH: 1942 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-766-354A-5

Query Match 70.0%; Score 18.2; DB 3; Length 1942;
 Best Local Similarity 87.0%; Pred. No. 12;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTTAATCTTTCTGTGAC 23
 DB 1871 GTGATCTACTGTTCTGTGAC 1849

RESULT 6
 US-09-250-131-1/C
 Sequence 1, Application US/09250131
 Patent No. 6455673
 GENERAL INFORMATION:
 APPLICANT: COLLIER, R. John
 TITLE OF INVENTION: MULTI-MUTANT DIPHTHERIA TOXIN VACCINES
 FILE REFERENCE: 00246/231001
 CURRENT APPLICATION NUMBER: US/09/250,131
 CURRENT FILING DATE: 1999-02-16
 PRIOR APPLICATION NUMBER: US 08/257,781
 PRIOR FILING DATE: 1994-06-08
 NUMBER OF SEQ ID NOS: 14
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 1942
 TYPE: DNA
 ORGANISM: Corynebacteria diphtheriae
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (312)...(1916)
 US-09-250-131-1

Query Match 70.0%; Score 18.2; DB 4; Length 1942;
 Best Local Similarity 87.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTTAATCTTTCTGTGAC 23
 DB 1871 GTGATCTACTGTTCTGTGAC 1849

RESULT 7
 PCT-US93-04606-1/C
 Sequence 1, Application PC/TUS9304606
 GENERAL INFORMATION:
 APPLICANT: R. John Collier
 APPLICANT: Kevin P. Killen
 APPLICANT: John J. Mekalanos
 TITLE OF INVENTION: DIPHTHERIA TOXIN VACCINES
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: Wordperfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/04606
 FILING DATE: 19930517
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Janis K. Fraser
 REGISTRATION NUMBER: 34,819
 REFERENCE/DOCKET NUMBER: 00246/137001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: NUCLEIC ACID
 STRANDEDNESS: double
 TOPOLOGY: linear
 PRT 0595-04606 1

Query Match 70.0% Score 18.2; DB 5; Length 1942;
 Best Local Similarity 87.0% Prod. No. 12;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1 GCTCTAATTTTCTGATAG 23
 ||||| 1 |||||
 DB 1871 GCTATTAATCTTTCTGATAG 1849

RESULT 8
 PRT 0595-06857-1/c
 Sequence 1, Application PC/TUS9506857

GENERAL INFORMATION:
 APPLICANT: Collier, R. John
 APPLICANT: Simon, Mel Hat
 APPLICANT: Eiseberg, David
 APPLICANT: Choo, George
 TITLE OF INVENTION: Diphtheria Toxin Vaccines
 TITLE OF INVENTION: Bearing A Mutated R Domain
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESS: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PC/2 Model 650 of 558X
 OPERATING SYSTEM: MS DOS (Version 5.0)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PRT/0595/06857
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,046
 REFERENCE/DOCKET NUMBER: 00246/174001

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 PRT 0595 06857 1

Query Match 70.0% Score 18.2; DB 5; Length 1942;
 Best Local Similarity 87.0% Prod. No. 12;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1 GCTCTAATTTTCTGATAG 23
 ||||| 1 |||||
 DB 1871 GCTATTAATCTTTCTGATAG 1849

RESULT 9
 US-09-454-702B-121
 Sequence 121, Application US/09453702B

PATENT NO. 6465724
 GENERAL INFORMATION:
 APPLICANT: Hattner, Fredrick R.
 Hattner, Valerie
 Perina, Nicole T.
 Plunkett, Guy
 Welch, Rod

TITLE OF INVENTION: No. 6465724: Sequences of B. coli 0157
 NUMBER OF SEQUENCES: 265
 CORRESPONDENCE ADDRESS:
 ADDRESS: Quarles & Brady
 STREET: 1 South Plunkett Street
 CITY: Madison
 STATE: WI
 COUNTRY: US
 ZIP: 53701-2113

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB storage
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 8.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 35/59,453,702B
 FILING DATE: 03-Dec-1999
 CLASSIFICATION: C08K00402
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/110,955
 FILING DATE: 04-Dec-1998

ATTORNEY/AGENT INFORMATION:
 NAME: Seay, Nicholas J.
 REGISTRATION NUMBER: 27486
 REFERENCE/DOCKET NUMBER: 960296,95017
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (608) 251-5000
 TELEFAX: (608) 251-9166
 INFORMATION FOR SEQ ID NO: 121:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14187
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SEQUENCE DESCRIPTION: SEQ ID NO: 121:

US-09-454-702B-121
 Query Match 66.2% Score 17.2; DB 4; Length 14187;
 Best Local Similarity 86.4% Prod. No. 46;
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1 GCTCAATCTTTCTGATACCA 24
 ||||| 1 ||||| 11 111
 DB 13613 GCTCAATTTTCTGATACCA 13634

RESULT 10
 US-08-378 939-35/c
 Sequence 35, Application US/08378939

PATENT NO. 5876961
 GENERAL INFORMATION:
 APPLICANT: CROWL, JAMES SCOTT
 APPLICANT: LEWIS, ALAN PETER
 TITLE OF INVENTION: PRODUCTION OF ANTIBODIES
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESS: POTWELL, FERGUSON & KURZ
 STREET: 555 THIRTEENTH ST. N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: U.S.

ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,939
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952640
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-118
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 342 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..342
US-08-378-939-35

Query Match 65.4% Score 17; DB 2; Length 342;
Best Local Similarity: 86.0%; Freq. No. 32;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2 TGCTCTAATCTTTCTGTGCTACAG 26
DB 143 TGCTCTGCTTCTCTCTGCTACAG 119

RESULT 11
US-09-134-001C-2404/C
Sequence 2404 Application US/09/134,001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: LEE, DOMESTIC, STAMM, ET AL
TITLE OF INVENTION: NUCLEIC ACID AND ANTI-SENSE RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 2404
LENGTH: 1470
TYPE: DNA
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-2404

Query Match 63.8% Score 16.6; DB 4; Length 1470;
Best Local Similarity: 82.6%; Freq. No. 62;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TGCTCTAATCTTTCTGTGCTACCA 24
DB 183 TGCTCTAATCTTTCTGTGCTACCA 161

RESULT 12

US-08-215-805A-79
Sequence 79 Application US/08215805A
Patent No. 5559008
GENERAL INFORMATION:
APPLICANT: Chang, Yung-Fu
TITLE OF INVENTION: LEUKOTOXIN GENE FROM PASTEURELLA
TITLE OF INVENTION: SUI5
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/215,805A
FILING DATE: 22-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Timian, Susan J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/61 (U-1129A)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1636
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 2802 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Pasteurella suis
STRAIN: 5943
IMMEDIATE SOURCE:
LIBRARY: P. suis DNA in Bacteriophage lambda-dash
CLONE: (lambda)yfc33-37
US-08-215-805A-79

Query Match 63.8% Score 16.6; DB 1; Length 2802;
Best Local Similarity: 92.6%; Freq. No. 58;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TGCTCTAATCTTTCTGTGCTACCA 24
DB 1146 TGCTCTACTTCTTTCTGTGCTACCA 1168

RESULT 13
US-08-377-292-6
Sequence 6 Application US/08377292
Patent No. 5693615
GENERAL INFORMATION:
APPLICANT: STONE, ROGER L.
TITLE OF INVENTION: THERAPEUTIC FORMULAS FOR OSTEOINDUCTION
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Procter & Gamble Company
STREET: 11810 East Miami River Road
CITY: Cincinnati
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 45239-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-98-477,232
 FILING DATE: 23 JAN 1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US-98-213,415
 FILING DATE:
 APPLICATION NUMBER: US-98-117,467
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Corstange, Arden J.
 REGISTRATION NUMBER: 34,804
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 513 245-2858
 TELEFAX: 513 741 3012
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-477,232-6

Query Match 64.8% Score 16.6; DB 1; Length 2923;
 Host Local Similarity 82.6%; Pred. No. 69;
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DB 2 TGGCTAATCTTCTGGTACCA 24

db 2148 TGGCTAATCTTCTGGTACCA 2170

RESULT 14
 US-07-989-847-7
 Sequence 7, Application US/07989847
 Patent No. 5866464
 GENERAL INFORMATION:
 APPLICANT: Israel, David
 APPLICANT: Wollman, Neil M.
 TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
 TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Jeda! Attalis, Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140-2387
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Tape
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-97-789,847
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Kapinos, Ellen J.
 REGISTRATION NUMBER: 32,245
 REFERENCE/DOCKET NUMBER: G1 51928
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-876-1170
 TELEFAX: 617-876-5851
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double

TOPOLOGY: circular
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 TISSUE TYPE: Human placenta
 IMMEDIATE SOURCE:
 LIBRARY: cDNA library
 CLONE: BME6C35
 POSITION IN GENOME:
 UNITS: bp
 FEATURES:
 NAME/KEY: CDS
 LOCATION: 160..1701
 FEATURE:
 NAME/KEY: mal_peptide
 LOCATION: 1282..1698
 FEATURE:
 NAME/KEY: mRNA
 LOCATION: 1..2923
 US-07-989-847-7

Query Match 64.8% Score 16.6; DB 2; Length 2923;
 Host Local Similarity 82.6%; Pred. No. 69;
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DB 2 TGGCTAATCTTCTGGTACCA 24

db 2148 TGGCTAATCTTCTGGTACCA 2170

RESULT 15
 US-08-469-411-7
 Sequence 7, Application US/08469411
 Patent No. 6190880
 GENERAL INFORMATION:
 APPLICANT: Israel, David
 APPLICANT: Wollman, Neil M.
 TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
 TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Jeda! Attalis, Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140-2387
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Tape
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08-469,411
 FILING DATE: 06 Jun 1995
 CLASSIFICATION: <unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Kapinos, Ellen J.
 REGISTRATION NUMBER: 32,245
 REFERENCE/DOCKET NUMBER: G1 51928-CON
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-876-1170
 TELEFAX: 617-876-5851
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: Human placenta
IMMEDIATE SOURCE:
LIBRARY: Stratalogue catalog #936203 Human placenta
CDNA library
CLONE: BMP6C35
POSITION IN GENOME:
UNITS: bp
FEATURE:
NAME/KEY: CDS
LOCATION: 160..1701
FEATURE:
NAME/KEY: mat.peptide
LOCATION: 1282..1698
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..2923
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-469-411-7

Query Match 63.8%; Score 16.6; DB 4; Length 2923;
Best local similarity 82.6%; Pred. No. 69;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2 TGCTCTAATCTTTCTGTACCA 24
|||||
DB 2348 TGCTGTACTCTTCTGTACCA 2370

Search completed: January 14, 2003, 11:55:02
Job time : 5.17494 secs

